

BRUCKNER, Frantisek, inz.

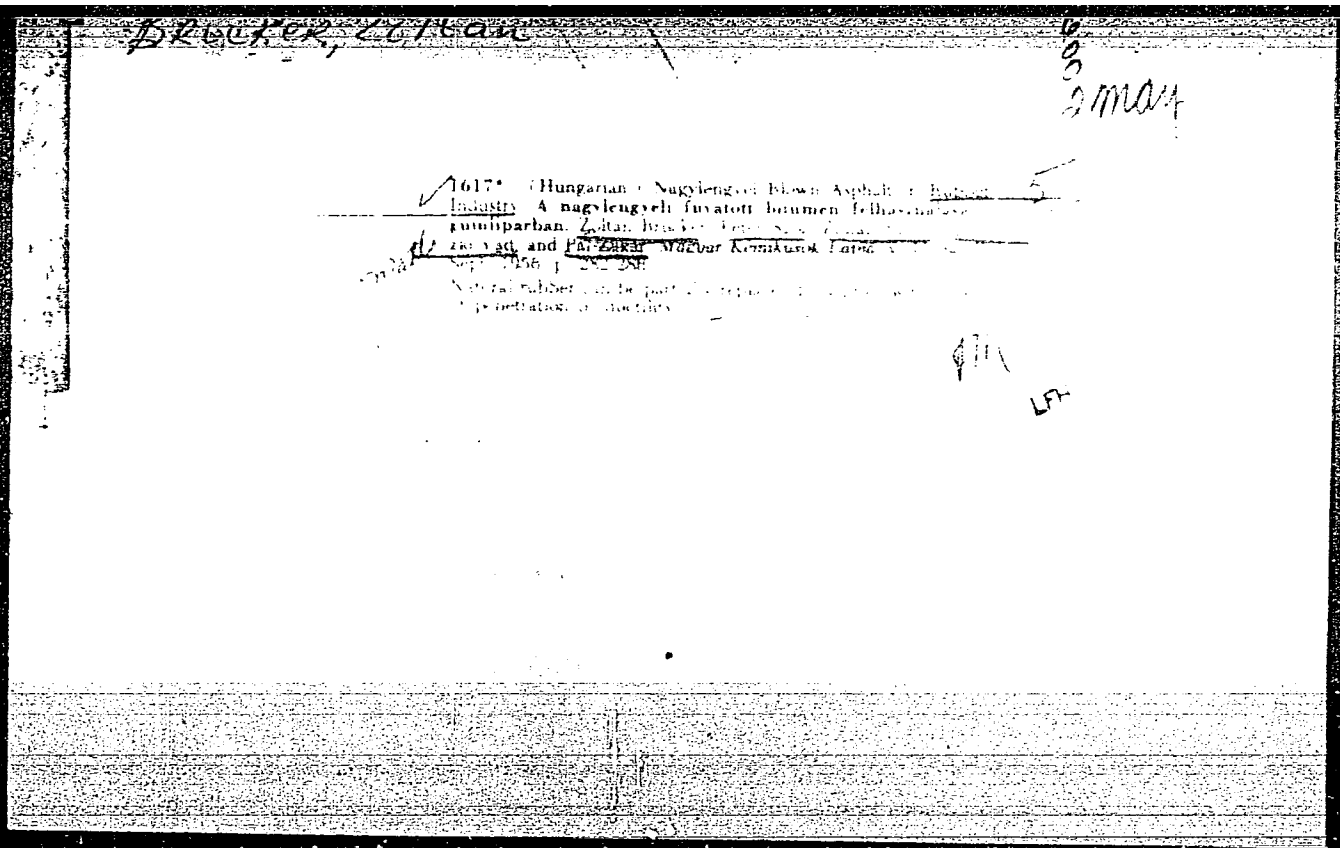
Powdery mildew (*Erysiphe graminis* DC.) on barley. Pt. 5. Rost
vyroba 10 no. 4:395-408 Ap '64.

1. Research Institute of Grain, Kromeriz.

BRUCKER, W., dr. habil

New data on the genesis of plant tumors. Stud. cercet. inframicrobiol.
Bucur. 12 no.1:19-27 '61.

1. Comunicare prezentata la Institutul de inframicrobiologie al
Academiei R.P.R.
(PLANT neoplasms)



BRUCKLER, V.

"Problems of electric furnaces." p. 137. (Kemija U Industriji, Vol. 2, no. 5, 1953, Zagreb.)

SO: Monthly List of ^{East European} ~~Russian~~ ^{Vol. 2, No. 9.} Accessions, /Library of Congress, September 1953, Uncl.

BRUCKLER, V.

"Problems of electroovens." p. 328. (Kemija U Industriji. Vol. 2, no. 11, 1953. Zagreb.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.
Uncl.

BRUCKLER, Valdo

chem

YUGO .

Problems of the electrochemical industry in Yugoslavia.
Valdo Bruckler (Tehn. fakultet, ind., Zagreb, Yugoslavia).
Kem. i ind. (Zagreb) 3, 257-64 (1964).—A general outline
of the state of the industry is given. N. Playšić

BRUCKMAN, A.

"Chroming ZnAl Alloys" Biuletyn. p.12
(PRZEGLAD ODLEWNICTWA Vol. 3, no. 5, May 1953 Krakow, Poland)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

BRÜCKMAN, A.

Polish Technical Abst.
No. 1 1954
Chemistry and Chemical Technology

537.531:614.8
Zlotowski J., Brückman A. Work Safety Control in Dealing with Reactive Substances.

"Kontrola bezpieczeństwa przy pracy z substancjami promieniotwórczymi". Przemysł Chemiczny. No. 4, 1953, pp. 185—190, 5 figs., 3 tabs.
General principles of controlling exposure of the personnel to gamma ray (or X-ray) radiation. The authors give a detailed description of a method for controlling the effects of radiation; this is based on the determination, by means of a pocket ionisation chamber, of the extent to which every individual is exposed to the action of these substances. Data are given illustrating the efficient operation of this kind of measuring device produced entirely in Poland and from materials readily available on the home market. The values of the so-called safe daily dose of gamma or X-rays, as given by various authors, are discussed.

8-27-54
PMT

BRUCKMAN, A., ROMANSKI, J.

Poland

Information Bulletin of the Foundry Research Institute. No. 1-2, 1955.
From the work of the Institute.
Corrosion tables for foundry iron alloys.

SO: Foundry Journal, Poland, #1, Jan 1955, Unclassified.

S/081/62/000/020/013/040
B158/B101

AUTHORS: Brückman, Andrzej, Mrowec, Stanislaw, Werber, Teodor

TITLE: Investigation of the mechanism of scale formation during corrosion of metals at high temperatures

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 20, 1962, 306, abstract 20I212 (Pierwsze krajowe sympoz. zastosowań izotopów techn., Rogów, 8-12 czer., 1960. Warszawa, no. 22, 1961 [Pol.; summaries in Russ. and Eng.])

TEXT: The principles of applying radioactive isotopes to characterize the diffusion of different reagents through a layer of scale formed on metal at a high temperature are examined with a view to studying the processes of oxidation on a metal surface. The mechanism whereby a Cu-Zn alloy containing 9 at% Zn is oxidized in liquid S at 444°C was studied with the aid of Zn^{65} by applying a 5-10 μ film of Cu-Zn containing the Zn^{65} to the surface of the specimen and determining the activity of the individual layers of scale formed after 30 and 120 min. ✓

Card 1/2

Investigation of the mechanism ...

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B158/B101

The radioactive Zn was detected only in the outer 50 μ layer of scale and was independent of the total scale thickness. This shows that under the condition here examined Zn plays practically no part in the general process of reagent diffusion through the scale.

[Abstracter's note: Complete translation.]

Card 2/2

BRUCKNER, (Wilhelms), Adrienne, dr. (Mrs.) (Budapest, VIII., Muzeum
korut 4/b); RUFF, Ferenc (Budapest, VIII., Muzeum korut 4/b)

A new addition reaction of 1-aryl-1-propenes. Acta chimica
Hung 38 no.2:129-136 '63.

1. Institut fur Organische Chemie der Lorand Eotvos Universitat,
Budapest.

ROMANIA /

RUDAS, Gh., MD.; BRUCKNER, Al., MD.

Haematology Section of Polyclinic No 1 in Timisoara (Sectia de hematologie a Policlinicii nr. 1 din Timisoara); - (for all)

Bucharest, Viata Medicala, No 15, 1 Aug 63, pp 1047-1052

"A case of Transformation of Chronic Myeloid Leukosis into Basophil Leukaemia."

BENADA, J., Inz.Dr.: BRUCKNER, F., Inz.; MRAZ, F., Inz.

Experience made by the Czechoslovak phytopathologists during their visit to the Austrian research institutes. Vestnik CSAZV 8 no.5: 277-283 '61. (EEAI 10:6)

1. Vyzkumny ustav obilnarsky Ceskoslovenske akademie zemedelskych ved, Kromeriz.

(Austria--Plants) (Czechoslovakia--Plants)

BENADA, Jaroslav, inz. dr.; BRUCKNER, Frantisek, inz.

Powdery mildew (*Erysiphe graminis* DC.) on barley. Pt.4.
Rost vyroba 9 no.6:585-592 Je '63.

1. Vyzkumny ustav obilnarsky, Kromeriz.

BRUCKNER, Frantisek, inz.

Methods of breeding barley resistance to powdery mildew
(Erysiphe framinis DC). Vest ust zemedel 10 no.10/11:404-408
'63.

1. Vyzkumny ustav obilnarsky, Kromeriz.

BRUCKNER, Frantisek, inz.

Possibilities of using genetic science results in breeding
resistance to barley leaf sickness. Vest ust zemedel ll no. 7:
294-299 J1 '64.

1. Research Institute of Grain, Kromeriz.

ERDEY-GRUZ, Tibor, akademikus; BRUCKNER, Gyozo, akademikus; VARGHA, Laczlo;
KORACH, Mor, akademikus; FREUND, Mihaly, akademikus; FODOR, Gabor,
akademikus; GERECS, Arpad, akademikus; SCHAY, Geza, akademikus;
BITE, Pal, kandidatus; BOGNAR, Rezso, akademikus; FARKAS, Lorand,
kandidatus

An account of the work of the Section of Chemical Sciences, Hungarian
Academy of Sciences. Kem tud kozl MTA 22 no.2:109-152 '64.

1. Secretary, Section of Chemical Sciences, Hungarian Academy of
Sciences, and Editor, "A Magyar Tudomanyos Akademia Kemiai Tudomanyok
Osztalyanak Kozlemenyei", Budapest (for Erdey-Gruz). 2. Editorial
board member, "A Magyar Tudomanyos Akademia Kemiai Tudomanyok
Osztalyanak Kozlemenyei" (for Bruckner, Korach, Freund, Fodor,
Gerecs, Schay and Bognar). 3. Corresponding member, Hungarian
Academy of Sciences, and Editorial board member, "A Magyar
Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei"
(for Vargha).

BENASA, Jaroslav, inž., dr. C.Sc.; BRUCKNER, Frantisek, inž.

Experience made by the Czechoslovak phytopathologists during their visit in Swedish research institutes and agricultural experiment stations. Vestnik CSAZV 9 no.2:84-89 '62.

1. Vyzkumny ustav obilnarsky, Ceskoslovenska akademie ved, Kromeriz.

BRUCKNER, Frantisek, inz.

Powdery mildew (*Erysiphe graminis* DC.) on barley.
Rostlin vyroba 9 no.1:1-8 Ja '63.

1. Vyzkumny ustav obilnarsky, Kromeriz.

BRUCKNER, Gyozo, r.tag, akademikus (Budapest)

The course of development and present stand of organic chemistry research in Hungary; a contribution to the account by the Section's leadership. Kem tud kozl MTA 14 no.2:191-199 '60. (EEAI 10:2)
(Hungary--Chemistry, Organic)
(Hungarian Academy of Sciences)

BRUCKNER, Gyozo, r.tag (Budapest); KAJTAR, Marton (Budapest); KUCSMAN,
~~Arpad (Budapest)~~

Correct interpretation and uniform construction of the projective
chemical symbols. Kem tud kozl MTA 15 no.1:57-76 '61. (EEAI 10:6)

1. Az Eotvos Lorand Tudomanyegyetem Szerves Kemiai Tanszeke,
Budapest.
(Chemistry)

BRUCKNER, Gyozo, akadémikus (Budapest)

Report on the 1959 work of the Committee on Organic Chemistry; also, remarks by Arpad Gerecs and Sandor Muller. Kem Tud kozl MTA 15 no.1: 105-121 '61. (EBAI 10:6)

1. Elnök, Szerves Kémiai Bizottság, Magyar Tudományos Akadémia, Budapest,

(Hungarian Academy of Sciences)

(Hungary--Chemistry, Organic)

H-17

~~HUNGARY~~ BRUCKNER, GYÖRGY.
Hungary/Chemical Technology - Chemical Products and Their
Application, Part 3. - Pesticides.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22508

Author : Györgyi Bruckner

Inst :

Title :

Preparation and Insecticiding Activity of Dialkylthiophos-
phorylmercaptosuccinic Acids and Their Derivatives.

Orig Pub : Növénytermeles, 1956, 5, No 4, 343-348

Abstract : A series of derivatives of the dialkylthiophosphorylmer-
captosuccinic acid of the general formula $(RO)_2P(S)S-$
 $(CH_2COOR'')CHCOOR'$ (I) was prepared by adding dialkylthio-
phosphates (II) to the maleic acid, its anhydride (III)
and its monoalkyl esters at 20°. The following I-s were
prepared of II, III, water or alcohol by a one-stage me-
thod $[R, R', R'', n20D]$, dissociation temperature, the ex-
termination of *Doralis fabae* (in %) at the exposure (in
hours) to 1%-ual dust of the substance/ are given in the

Ca

Card 1/2

ANDRISKA, Viktor; BRUCKNER, Gyorgyi

Determination of phenarsazine chloride by measuring the absorption of light. Magy kem folyoir 67 no.6:257-259 Je '61.

1. Nehezevegviipari Kutato Intezet, Veszprem.

ANDRISKA, Viktor; BRUCKNER, Gyorgyi

Process for colorimetric determination of dinitrorhodanate-benzol. Magy kem folyoir 67 no.7:301-303 J1 '61.

1. Nehezvegyipari Kutato Intezet, Budapest.

BRUCKNER, Gyorgyi; PARKANY, Mihaly

Photometric determination of phenarsazine derivatives.
Magy kem folyoir 68 no.4:164-166 Ap '62

1. Neheztvegyipari Kutato Intezet, Budapest.

COMMON ELEMENTS		PROCESSES AND PROPERTIES	
<i>C.A.</i> The occurrence of the polypeptide of <i>D</i>-glutamic acid in nature. Chemical investigation of the substance of the capsules of the bacillus of anthrax. György Hückner, Jr., György Ivánovics and Margit Kovács Oskóly. <i>Magyar Chem. Folyóirat</i> 45, 131-40 (1989). Acid hydrolysis of the capsules of anthrax bacilli yields <i>D</i>-glutamic acid in significant amts. The ammino specific substance of these capsules could be sepd. and purified. The same substance can be sepd. much more easily from other spore-forming bacilli of the mesenteric type. As the heavy-metal salts (e. g., the Cu salt) of this substance are insol. in water, pptn. and electrodialysis lead to a rather pure prepn. This substance is amorphous like gelatin, very hygroscopic, sol. in water to a strongly acid soln., has optical activity and contains about 10% total and 0.2-0.5% amino N. The acid hydrolysis of this substance leads to <i>D</i>-glutamic acid-HCl. Probably the substance is a high-mol. compd. consisting of <i>D</i>-glutamic acid groups and having a polypeptide-like structure. For the prepn. by means of mesenteric bacilli <i>L</i>-asparagine and <i>L</i>-glutamic acid seem to be the most suitable nitrogen nutrients. As in the proteins of cancerous tumors only glutamic acid is racemized in the highest degree, the occurrence of this acid in other natural compds. has an importance from the points of view of both biochemistry and cancer investigations. S. S. de Finály		<i>11A</i>	
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION			
SECTOR 1		SECTOR 2	
SECTOR 3		SECTOR 4	

The synthesis of spasmolytic isoquinoline bases. Some new reversible N-O acyl migrations. Kleiter Vinkler and György Bruckner; *B. Magyar Chem. Folyóirat* 45, 147 (1949). Treating 3,4-(MeO)₂CH₂CH(OH)CH(N₂)Me (I) in pyridine with NaCl and evap. the ether ext. of the resulting cryst. mass gave a greenish oil identified as α-(3,4-dimethoxyphenyl)-α-benzoyloxy-β-nitropropane (II). The reaction of I in pyridine with anisoyl chloride and purification of the CHCl₃ ext. of the product led to an olive-green oil consisting of the α-anisoyloxy analog (III) of II. Treating I in pyridine with freshly prepd. veratroyl chloride, prep. a CHCl₃ ext. and then evap. this ext. gave a greenish oil consisting of the α-veratroyloxy compd. (IV). Dissolving I in a mixt. of pyridine and CHCl₃ and adding freshly distd. PhCH₂COCl in CHCl₃, then prep. a CHCl₃ ext. and evap. it *in vacuo* gave a yellow oil consisting of the α-phenacetoxo compd. (V). Electrolytic reduction of the II using Pb electrodes in 20% H₂SO₄ (anolyte) and the alc. soln. of the compd. (catholyte) gives colorless needles of α-(3,4-dimethoxyphenyl)-β-benzoylaminopropanol, m. 136°. The electrolytic reduction of III led to colorless needles of

the β-anisoyl amino compd., m. 137°. Similar treatment of IV gave also colorless needle crystals of the α-veratroyl amino compd., m. 135.6°. Electrolytic reduction of V gave an oily product consisting of the β-phenylacetyl amino compd. (VI). Treating VI in purified xylene with POCl₃ and adding concd. NaOH to the cooled soln. gave white needles with silky luster which lost their water of crystn. at 65° when heated *in vacuo*, m. 104° and were identified as 1-benzyl-3-methyl-4,7-dimethoxyisoquinoline. Into veratraldehyde and MeNO₂ in abs. alc., dil. alc., NaOMe was dropped with cooling to the soln. The crystalline mass gave, after drying, a white powder consisting of Na α-(3,4-dimethoxyphenyl)-β-*o*-nitroethanol (VII). VII in CHCl₃ suspension was treated with H₂Cl in CHCl₃. After filtering the pptd. NaCl and evap. the filtrate a reddish thick oil consisting of α-(3,4-dimethoxyphenyl)-α-benzoyloxy-β-nitroethane (VIII) was obtained. The electrolytic reduction of VIII lead to crude α-(3,4-dimethoxyphenyl)-β-benzoylaminopropanol (IX). IX in toluene was mixed with POCl₃ and heated, then cooled, shaken out with dil. HCl and made alk. with NaOH with cooling. After purifying the soln. picric acid was added to form the picate, m. 250°, of 1-phenyl-6,7-dimethoxyisoquinoline. S. S. de Finaly

1ST AND 2ND COLUMNS										PROCESSES AND PROPERTIES INDEX										10TH AND 11TH COLUMNS									
cA																				7									
Decomposition of saturated sterols and gallic acids or of their derivatives by electrolysis. Richter (Gedon Vegyészeti Csár R. T. (inventors, Győző Bruckner and András Káduli). Hung. 123,574, April 15, 1940. Saturated sterols, gallic acids or their derivs. are electrolyzed in an anode area sepd. by two diaphragms. Pt or Au anodes and Pb cathodes are used. The temp. is maintained by cooling at 90-100°.																													
ASD S.A. METALLURGICAL LITERATURE CLASSIFICATION																													

10

PROCESSES AND PROPERTIES INDEX

Derivatives of 3-methyl-7-methoxyisoquinoline. Gyozo Bruckner, Jr., and Laszlo Bodnar (Hungarian Biol. Research Inst., Tihany, Hungary). *Magyar Biol. Kutatás* 15, 404-10 (1943).—From isosafrole and methylisoeugenol was prepd. a series of 3-methylisoquinolines, the structure of which seems to approach that of papaverine, with excellent spasmolytic effects. The following 2-substituted 1-(4-methoxyphenyl)-1-propanols were prepd.: benzamido, colorless microcrystals, m. 146°; anisoylamino, m. 153°; veratoylamino, m. 168°; p-ethoxybenzamido, m. 167°; (3,4-methylenedioxybenz-amido), prisms, m. 150°; (3,4-methylenedioxyphenylacet-amido), m. 141°; cinnamoylamino, prisms, m. 141°. 1-Substituted 3-methyl-7-methoxyisoquinolines: Ph, needles, m. 146°; (4-methoxyphenyl), needles, m. 152°; (3,4-dimethoxyphenyl), needles, m. 145°; p-phenetyl, m. 165°; (3,4-methylenedioxyphenyl), microneedles, m. 130°; (3,4-methylenedioxybenzyl), microneedles, m. 140°; styryl, needles, m. 154°. The results proved the existence of a relationship between chem. compn. and spasmolytic effect.

István Pindly

ASAC-514 METALLURGICAL LITERATURE CLASSIFICATION

10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000

1ST AND 2ND ORDER																										3RD AND 4TH ORDER																									
PROCESSES AND PROPERTIES INDEX																										10																									
<i>ca</i> Natural D-glutamic polypeptide. G. Bruckner, Jr., and Margarete Kovács Oskóla (Univ. Szeged, Hungary). <i>Acta Univ. Szegediensis, Acta Chem. et Phys. [N.S.]</i> 1, 144-64(1948); cf. <i>C.A.</i> 24, 3760. The sp. substance of <i>B. pasteurianus</i> was purified through its insol. metal salts. Dialysis led to a chemically uniform material contg. total N 10.4, amino N 0.2, ash 2.3%; acid equiv. was 147.7, $[\alpha]_D^{25}$ 21.1°. The substance gave no biuret reaction but its hydrolysis by concd. HCl led to optically pure D(-)-glutamic polypeptide. The substance is identical with the sp. material in capsules of anthrax bacilli. This seems to be the first natural occurrence of D(-)-glutamic acid. The parallelism of virulency and capsule-forming capacity of anthrax bacilli can well be explained by the fact that the basic material of capsules strongly protects the mass of bacilli against the effects of L-polypeptide-sp. proteases of higher organisms. The results of expts. identifying the structure of the substance to theoretical values of D-glutamic polypeptide are as follows: mol. wt. 6087 calcd. on the basis of the lower value of amino-N (theoretical 6215), C content 45.30-45.51 (theoretical 46.38), H 5.84-5.88 (5.48), total N 10.24 (10.82), amino-N 0.23% (0.22), and equivalent, 139.0 (electrometrically 132.0) and amt. of glutamic-HCl obtained from 1.8 g. of the substance 2.20 g. (theoretical 2.55). István Finály																																																			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			

1ST AND 2ND ORDERS		3RD AND 4TH ORDERS	
PROCESSES AND PROPERTIES INDEX			
BC		B2 2	
Production of isopropylidene derivatives. "Sarvita" Gyogyszeriar or Vagyipari Rt. T. G. Budapest, G. Poloz, and J. Kiss (B.P. 645,139, 6.10.67). Wang: 22.10.66. An α-dialkylbenzene (II) the alkyl groups consisting of 2-8 C, e.g., α-C₂H₅(OEt), is condensed in presence of a Friedel-Crafts catalyst, e.g., AlCl₃, BF₃, with a C₂-alkyl acid or its chloride or anhydride to give a 3: 4-dialkyl- phenyl alkyl ketone which is nitrosated (with NaNO_2) to a 3: 4-dialkylphenyl α-nitrosoalkyl ketone; the ketone is reduced to the amino-alkyl ketone by sodium borohydride and then to the alcohol in a separate step, the MMA is acylated with the chloride or anhydride of an aliphatic, aromatic, or araliphatic carboxylic acid, and the acylaminobenzene is treated with a de- hydrating agent, e.g., POCl₃, optionally in the presence of a solvent, e.g., CHCl₃, CCl₄, C₆H₆, PhMe, xylene, to give 6: 7-dialkyl-3- alkyldiazobenzene substituted in position 1 by alkyl, aryl, or aralkyl, this substitution containing alkyl, alkyldiazobenzene, or OH groups this substitution containing alkyl, alkyldiazobenzene, or OH groups If desired, if the ketone is reduced first to amino-alcohol, instead may be acylated before further reduction to amino-alcohol. Instead of 2, pyromellitic dianhydride may be used to give at the first stage a 3: 4-dialkylphenyl alkyl ketone monoalkyl ether which is converted into the dialkyl derivative and the prep. then proceeded with as above. The nitrosation stage requires special conditions to give a good yield. E.g., a variation of 64-4 g. of 3: 4-dialkylbenzene, m.p. 57°, b.p. 161-165°/5 mm. (prepared in 80% yield, from α-C₂H₅(OEt), in H₂O-free MeOH (80% yield) is mixed with pectin and stirred with 27-6 g. of a H₂O-			
ASB-11A METALLURGICAL LITERATURE CLASSIFICATION			
FROM SYNOPTIC		FROM SUMMARY	
12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989900		01020304050607080910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989900	

free 80% solution of HCl in H_2O and Bu^4NO_3 (22.5 g.) is added during 1 hr. After heating for several hr., the solution is neutralized with powdered $CaCO_3$. Slurry concentrated under vac. and the residue is washed with CH_2Cl_2 to give 45 g. of 3 : 4-dichlorophenyl 2-phenylacetate, m.p. 117-118° (m.p. 121° when recrystallized from CH_2Cl_2). Reduction with H_2 -Pd gives 2-phenyl-1-(3 : 4-dichlorophenyl)ethanol, m.p. 145-147°, is almost theoretical yield; concentration gives 3-benzamido-1-(3 : 4-dichlorophenyl)ethanol, m.p. 155°, and ring closure in PhH in the presence of $NaOH$ gives 6 : 3-dichloro-1-phenyl-2-methylpiperidine (78%), m.p. 155-156° (hydrochloride, m.p. 220°). 2-Phenyl-1-(3 : 4-dichlorophenyl)ethanol, m.p. 145-147°, 2-phenyl-1-(3 : 4-dichlorophenyl)ethanol, m.p. 145-147°, 6 : 3-dichloro-1-phenyl-2-methylpiperidine, m.p. 155-156° (hydrochloride, m.p. 220°), and 3-benzamido-1-(3 : 4-dichlorophenyl)ethanol, m.p. 155°. They have characteristic properties. F. Hall

the structure of V remains in doubt; it absorbs only 2
atoms of Br in CHCl_3 in the cold and hence there is a pos-
sibility that the side chains have formed a ring. C. A. R.

117 AND 118 INDEX		PROCESSES AND PROPERTIES INDEX	
H 21 Application of the dien-synthesis to aromatic systems, by G. Bruckner and J. Kovács. Magyar Kémikusok Lapja. Journal of the Hungarian Chemical Society. Vol. IV, No. 8, pp. 148-150, Aug. 1949. Literature published in the last 20 years, after the report of Diels and Alder had been issued, proved the general applicability of the dien-synthesis. The results of the detailed investigations showed that the dien-synthesis can be applied to mononuclear aromatic systems which possess unsaturated linkages located in side chains forming a conjugated system with the aromatic system. The dien-synthesis may proceed in certain cases, the aromatic structure of these systems. The dien-synthesis strictly follows a stereoselectivity, the principle of which consists in an "endocyclic" addition. Bibliography.			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION			
GROUPS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		RELATIONS 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

CA

The reaction of benzalazine with maleic anhydride. József Kovács, Gyozo Bruckner, and István Kandel (Univ., Szeged, Hung.). *Magyar Kém. Folyóirat* 56, 74-8 (1950). — The bis-adduct, m. 243°, obtained by Wagner-Jauregg (C.A. 25, 3118) by treating $(PhCH=N)_2$ with maleic anhydride, proved to be a mixt. of 2 stereoisomers: (I), m. 283-4°, (II), m. 233°, the latter being present in considerably smaller amts. The chem. properties of both adducts conform with the structural formula proposed by W. J. The oxidative decompn. of I with $KMnO_4$ at room temp. in an alk. medium gave $(CO_2H)_2$, $HOCH_2$, and 3-phenylpyrazole, whereas II gave $(CO_2H)_2$, $HOCH_2$, and an unidentified compl., probably a pyrazoline monocarboxylic acid. The structure of W. J. is confirmed. 11 references. István Fialy

BRUCKNER, GY.

SCIENCE

PERIODICAL: MAGYAR KEMIAI FOLYOIRAT, Vol. 64, no. 7/8, July/Aug. 1958

Bruckner, Gy. Intramolecular transpeptization of structure isomer
polyglutamic acids. p. 307.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2.
February 1959, Unclass.

LÉNGYEL, Bela, dr., egyetemi tanár; BRUCKNER, Gyozo, akadémikus, egyetemi tanár.

Whither is science going? Term tud kozl 5 no.7:316-318 J1 '61.

1. Eotvos Lorand Tudományegyetem Általános és Szervetlen Kémiai Tanszékének vezetője (for Lengyel). 2. Eotvos Lorand Tudományegyetem Szerves Kémiai Intézetének igazgatója (for Bruckner).

BECK, Mihaly; BITE, Pal; BRUCKNER, Gyozo; CSENTES, Jozsef; CSUROS, Zoltan;
DEAK, Gyula; ERDEY-GRUZ, Tibor; ERDEY, Laszlo; FABIAN, Pal;
FINALY, Istvan; FODOR, Gabor; FODORNE CSANYI, Piroska;
GYORBIRO, Karoly; INZELT, Istvan; KUCSMAN Arpad; NEUMANN, Erno;
PUNGOR, Erno; SCHNEER, Anna; SCHULEK, Elemer; SZABADVARY, Ferenc

Rules for the Hungarian chemical nomenclature and orthography.
Kem tud kozl MTA 17 no.1/4:1-292 '62.

1. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi tagja (for Bruckner, Csuros, Laszlo Erdey, G.Fodor, and Schulek).
2. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkesztoje (for Erdey-Gruz).
3. "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak Kozlemenyei" technikai szerkesztoje (for Finaly).
4. Muvelodesugyi Miniszterium (for Csentes).
5. Magyar Tudomanyos Akademia Helyesitasi Bizottsage (for Fabian).
6. Nehezipari Miniszterium (for Neumann).

ERDEY-GRUZ, Tibor, akademikus; BRUCKNER, Gyozo, akademikus; LENGYEL, Bela;
TELEGDY-KOVATS, Laszlo, a tudomanyok doktora; HARDY, Gyula,
kandidatus; GERECS, Arpad, akademikus; FOLDI, Zoltan; WOLKOBEL,
Zoltan; TUDOS, Ferenc, kandidatus; PURMAN, Jeno; KRAUSZ, Imre,
kandidatus; ERDEY, Laszlo, akademikus; SCHAY, Geza, akademikus

An account of the 1961 work of the Section of Chemical Sciences,
Hungarian Academy of Sciences. Kem tud kozl 18 no.3:343-394
'62.

1. Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak titkara,
es "A Magyar Tudomanyos Akademia Kemiai Tudomanyok Osztalyanak
Kozlemenyei" szerkesztoje (for Erdey-Gruz). 2. Akademiai levelezo
tag (for Lengyel and Foldi). 3. "A Magyar Tudomanyos Akademia
Kemiai Tudomanyok Osztalyanak Kozlemenyei" szerkeszto bizottsagi
tagja (for Bruckner, Erdey, Foldi, Gerecs, Hardy, Lengyel, Schay,
Tudos).

Z/056/62/019/001/006/012
1037/1237

AUTHORS: Bruckner, H. and Harnisch, G.

TITLE: Dimension stabilization of hardened tool-steel

PERIODICAL: Přehled technické a hospodářské literatury. Hutnictví a strojírenství, v. 19, no. 1, 1962, 34

TEXT: For stabilization of the dimensions of hardened tool steels, annealing it at 200°C to 250°C for 3 hours and up to 40 hours is recommended. For supreme hardness requirement it is necessary to undercool with subsequent annealing. Undercooling to -75°C should be carried out right after quenching for 20 minutes at least. In complicated tools, tears and cracks may occur when undercooling and one has to be satisfied with annealing at 180°C-200°C for 2 hours. There are 6 diagrams, and 2 tables.

HS 62-423. 1961 III Maschinenbau, Leipzig 10, no. 3, 113-115

[Abstracter's note: Complete translation.]

Card 1/1

1st AND 2ND EDITIONS

191 AND 4TH EDITIONS

PROCESSES AND PROPERTIES INDEX

116

ca

The role of acetylcholine in paraphylactic (anaphylactic) shock. Antiparaphylaxis by tissue decholinization. D. Danileopolu and I. Bruckner (Première Clin. Méd., Bucharest, Roumania). *Bull. Acad. Méd. Roumanie* 18, 143-5 (1948).—Expts. were performed on intestine isolated from guinea pigs prepri. 20 days previously with horse serum (I) and egg albumin (II). Addn. to the bath of 0.1, 0.4, or 1 cc. of I provoked a strong contraction owing to liberation of acetylcholine (III). Tonus returned to normal after washing and replacement of the Tyrode's soln. After 1-3 repetitions of this procedure, no response to I was elicited, and addn. of II was also without result. After 100 γ of III was added and the bath changed again, 0.4 cc. of II produced a strong reaction. If II were added twice more, the intestine again became insensitive to I and II. After another recholinization, I provoked a violent reaction. Thus "antianaphylaxis" is merely exhaustion of tissue choline and not exhaustion of antibodies.

Marshall E. Deutsch

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191 AND 4TH EDITIONS

PROCESSES AND PROPERTIES INDEX

116

BRUCKNER

116

Paraphylactic shock on a terminal organ with para-sympathomimetic hyperreactivity. D. Danilopolu and I. Bruckner (Première Clin. Méd., Bucharest, Rumania). *Bull. Acad. Méd. Roumanie* 19, 140-9 (1940); cf. preceding abstract.—It is difficult to demonstrate antiparaphylaxis on the terminal portion of the guinea-pig ileum. This and the parasymphathomimetic hyperreactivity of this organ are due to a hyperconcn. of precholine. M. E. Deutsch

ANATOMICAL LITERATURE CLASSIFICATION

352.4 352.41 352.42 352.43 352.44 352.45 352.46 352.47 352.48 352.49 352.5 352.51 352.52 352.53 352.54 352.55 352.56 352.57 352.58 352.59 352.6 352.61 352.62 352.63 352.64 352.65 352.66 352.67 352.68 352.69 352.7 352.71 352.72 352.73 352.74 352.75 352.76 352.77 352.78 352.79 352.8 352.81 352.82 352.83 352.84 352.85 352.86 352.87 352.88 352.89 352.9 352.91 352.92 352.93 352.94 352.95 352.96 352.97 352.98 352.99 353 353.1 353.2 353.3 353.4 353.5 353.6 353.7 353.8 353.9 354 354.1 354.2 354.3 354.4 354.5 354.6 354.7 354.8 354.9 355 355.1 355.2 355.3 355.4 355.5 355.6 355.7 355.8 355.9 356 356.1 356.2 356.3 356.4 356.5 356.6 356.7 356.8 356.9 357 357.1 357.2 357.3 357.4 357.5 357.6 357.7 357.8 357.9 358 358.1 358.2 358.3 358.4 358.5 358.6 358.7 358.8 358.9 359 359.1 359.2 359.3 359.4 359.5 359.6 359.7 359.8 359.9 360 360.1 360.2 360.3 360.4 360.5 360.6 360.7 360.8 360.9 361 361.1 361.2 361.3 361.4 361.5 361.6 361.7 361.8 361.9 362 362.1 362.2 362.3 362.4 362.5 362.6 362.7 362.8 362.9 363 363.1 363.2 363.3 363.4 363.5 363.6 363.7 363.8 363.9 364 364.1 364.2 364.3 364.4 364.5 364.6 364.7 364.8 364.9 365 365.1 365.2 365.3 365.4 365.5 365.6 365.7 365.8 365.9 366 366.1 366.2 366.3 366.4 366.5 366.6 366.7 366.8 366.9 367 367.1 367.2 367.3 367.4 367.5 367.6 367.7 367.8 367.9 368 368.1 368.2 368.3 368.4 368.5 368.6 368.7 368.8 368.9 369 369.1 369.2 369.3 369.4 369.5 369.6 369.7 369.8 369.9 370 370.1 370.2 370.3 370.4 370.5 370.6 370.7 370.8 370.9 371 371.1 371.2 371.3 371.4 371.5 371.6 371.7 371.8 371.9 372 372.1 372.2 372.3 372.4 372.5 372.6 372.7 372.8 372.9 373 373.1 373.2 373.3 373.4 373.5 373.6 373.7 373.8 373.9 374 374.1 374.2 374.3 374.4 374.5 374.6 374.7 374.8 374.9 375 375.1 375.2 375.3 375.4 375.5 375.6 375.7 375.8 375.9 376 376.1 376.2 376.3 376.4 376.5 376.6 376.7 376.8 376.9 377 377.1 377.2 377.3 377.4 377.5 377.6 377.7 377.8 377.9 378 378.1 378.2 378.3 378.4 378.5 378.6 378.7 378.8 378.9 379 379.1 379.2 379.3 379.4 379.5 379.6 379.7 379.8 379.9 380 380.1 380.2 380.3 380.4 380.5 380.6 380.7 380.8 380.9 381 381.1 381.2 381.3 381.4 381.5 381.6 381.7 381.8 381.9 382 382.1 382.2 382.3 382.4 382.5 382.6 382.7 382.8 382.9 383 383.1 383.2 383.3 383.4 383.5 383.6 383.7 383.8 383.9 384 384.1 384.2 384.3 384.4 384.5 384.6 384.7 384.8 384.9 385 385.1 385.2 385.3 385.4 385.5 385.6 385.7 385.8 385.9 386 386.1 386.2 386.3 386.4 386.5 386.6 386.7 386.8 386.9 387 387.1 387.2 387.3 387.4 387.5 387.6 387.7 387.8 387.9 388 388.1 388.2 388.3 388.4 388.5 388.6 388.7 388.8 388.9 389 389.1 389.2 389.3 389.4 389.5 389.6 389.7 389.8 389.9 390 390.1 390.2 390.3 390.4 390.5 390.6 390.7 390.8 390.9 391 391.1 391.2 391.3 391.4 391.5 391.6 391.7 391.8 391.9 392 392.1 392.2 392.3 392.4 392.5 392.6 392.7 392.8 392.9 393 393.1 393.2 393.3 393.4 393.5 393.6 393.7 393.8 393.9 394 394.1 394.2 394.3 394.4 394.5 394.6 394.7 394.8 394.9 395 395.1 395.2 395.3 395.4 395.5 395.6 395.7 395.8 395.9 396 396.1 396.2 396.3 396.4 396.5 396.6 396.7 396.8 396.9 397 397.1 397.2 397.3 397.4 397.5 397.6 397.7 397.8 397.9 398 398.1 398.2 398.3 398.4 398.5 398.6 398.7 398.8 398.9 399 399.1 399.2 399.3 399.4 399.5 399.6 399.7 399.8 399.9 400 400.1 400.2 400.3 400.4 400.5 400.6 400.7 400.8 400.9 401 401.1 401.2 401.3 401.4 401.5 401.6 401.7 401.8 401.9 402 402.1 402.2 402.3 402.4 402.5 402.6 402.7 402.8 402.9 403 403.1 403.2 403.3 403.4 403.5 403.6 403.7 403.8 403.9 404 404.1 404.2 404.3 404.4 404.5 404.6 404.7 404.8 404.9 405 405.1 405.2 405.3 405.4 405.5 405.6 405.7 405.8 405.9 406 406.1 406.2 406.3 406.4 406.5 406.6 406.7 406.8 406.9 407 407.1 407.2 407.3 407.4 407.5 407.6 407.7 407.8 407.9 408 408.1 408.2 408.3 408.4 408.5 408.6 408.7 408.8 408.9 409 409.1 409.2 409.3 409.4 409.5 409.6 409.7 409.8 409.9 410 410.1 410.2 410.3 410.4 410.5 410.6 410.7 410.8 410.9 411 411.1 411.2 411.3 411.4 411.5 411.6 411.7 411.8 411.9 412 412.1 412.2 412.3 412.4 412.5 412.6 412.7 412.8 412.9 413 413.1 413.2 413.3 413.4

BRUCKNER, I.; AND OTHERS.

Effect of induced raised temperature upon paraphylactic shock. p. 185.
COMUNICARILE. Bucuresti. Vol. 5, no. 1, Jan. 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, No. 3, March 1956

BRUCKNER, I.; ROSENZWEIG, S.; PETRESCU, D.; BUZI, T.

Study of complement in rheumatic diseases. Probl. reumat.,
Bucur. 4:83-89 1956.

(RHEUMATISM, blood in
complement, variations & progn. value of fixation tests)
(COMPLEMENT
fixation in rheum. dis., progn. value)

BRUCKNER, I., Prof.; FOTINO, Serban, dr.; BERCEANU, Doralina, dr.

A case of grave idiopathic panmyelophthisis cured with ACTH and cortisone. Med. int., Bucur. 8 no.2:264-269 Apr-May 56.

1. Lucrare facuta in Clinica IV medicala a Spitalului, Filantropia, Director: prof. dr. I. Bruckner.

(BONE MARROW, diseases

panmyelophthisis, ther., ACTH & cortisone, recovery)

(ACTH, ther. use

panmyelophthisis, with cortisone, recovery)

(CORTISONE, ther. use

panmyelophthisis, with ACTH, recovery)

BRUCKNER, I., Prof.; DINULESCU, E., dr.; PALLADE, N., dr.; HERTEANU, H., dr.

Study of cortisone therapy of bacterial pericarditis. Med.
int., Bucur. 8 no.4:550-555 Aug 56.

1. (Lucrare facuta in Clinica medicala a Institutului medico-
farmaceutic din Spitalul Filantropia).

(PERICARDITIS, therapy

cortisone, in exudative bact. pericarditis & chronic
constrictive pericarditis)

(CORTISONE, ther. use

pericarditis, exudative bact. & chronic constrictive)

(TUBERCULOSIS CARDIOVASCULAR, therapy

cortisone in tuberc. exudative pericarditis)

EXCERPTA MEDICA Sec.2 Vol.10/7 Phy.Biochem. July 57

2952. BRUCKNER I. and BONDAR B. Inst. de Fiziol. Norm. si Patol. Prof. Dr. D. Danielopolu, Sect. de Imunol. si Hematol., Bucuresti. Rolul glandelor suprarenale in mecanismul de actiune al hiperpirexiei provocate asupra fagocitozei *Role of the adrenal in the mechanism of action of induced hyperpyrexia on phagocytosis* Rev. Fiziol. norm. patol. 1956, 3/4 (437—441) Graphs 6

The adrenals have only a secondary role in the mechanism of stimulation of phagocytic activity by hyperpyrexia induced by short-wave treatment. The stimulating effect of hyperpyrexia on the activity of the serum is not influenced by adrenalectomy, but the phagocytic activity of the leucocytes is influenced by the adrenals; after adrenalectomy the stimulation of phagocytic activity of washed leucocytes is suppressed, probably as a result of metabolic changes (decrease of cell glycogen and serum ascorbic acid; increase of serum potassium).

Graur — Bucharest

BRUCKNER, I.

Research on the peripheral-blood reaction produced by induced hyperpyrexia; the role of suprarenal glands in the process of the action of hyperpyrexia on the leukogram.

p. 49 (Academia Republicii Populare Romane. Institutul de Fiziologie Normala si Patologica. Studii Si Certari De Fiziologie. Vol. 1, no. 1/2, Jan./June 1956. Bucuresti, Rumania)
Monthly Index of East European Accessions (EEAI) 14. Vol. 7, no. 2, February 1958

BRUKKNER, I.

RUMANIA/Allergy

U-2

Abs Jour : Inf Zhur - Biol., No 6, 1958, No 27610

Author : Brukkner, I., Moldovyanu, Gr., Kornyanu, M.

Inst : Not Given

Title : The Effect of Artificial Hypothermia Upon Anaphylactic Shock

Orig Pub : Rumynsk. med. obozreniye, 1957, 1, No 1, 27-28. Forevod iz
zh. "Fiziol. norm. si patol.", 1956, No 2.

Abstract : No abstract

Card : 1/1

BRUCKNER, I., Prof.; ROSENZWEIG, S., dr.

Synthetic antimalarials in therapy of chronic evolutive
polyarthrititis. Med. inst., Bucur. 9 no.1:43-52 Jan 57.

1. Clinica medicala Filantropia si Institutul de fiziologie
normala si patologica, Prof. D. Danielopolu al Academiei
R.P.R.

(ARTHRITIS, RHEUMATOID, therapy
antimalarials)

(ANTIMALARIALS, ther. use
rheum. arthritis)

BRUCKNER, I.

BRUCKNER, I.; MOLDOVEANU, Gr.; CORNEANU, M.

The influence of provoked hypothermia on anaphylactic shock.
Rumanian M. Rev. 1 no.1:26 Jan-May 57.

(HYPOTHERMIA, exper.

eff. on anaphylactic shock in guinea pigs)

(ALLERGY, exper.

anaphylactic shock, eff. of exper. hypothermia in
guinea pigs)

EXCERPTA MEDICA Sec 6 Vol 13/10 Internal Fed Oct 59

5510. LEUKAEMIC RETICULOSIS WITH PECULIAR FEATURES OF PLASMA
PROTEINS - Reticuloză leucemică cu aspect deosebit al proteinelor plas-
matice - Bruckner I., Purice S. and Velican E. - MED. IN-
TERN. (Bucuresti) 1957, 9/6 (906-915) illus. 7

In the framework of the clinical entities that have been classified among para-
proteinemias, a case of malignant leukaemic reticulolymphosarcomatosis pre-
sented macroglobulinaemia is reported. These serum protein alterations should
be considered as syndromes which may occur in the course of different systemic
diseases and not as independent diseases. Nicolaesco - Bucharest (VI, 5, 16)

Bukharest, I.

BRUKNER, I., prof. (Bukharest)

Study of the mechanism of nocturnal muscle cramps and their
treatment with atropine. Klin.med. 35 no.9:100-103 S '57.
(MIRA 10:11)

1. Iz Instituta normal'noy i patologicheskoy fiziologii imeni
prof. D.Daniyelopolu.

(CAMPS

nocturnal leg cramps, mechanism & atropine ther.)

(ATROPINE, ther. use

nocturnal leg cramps)

(LEG, dis.

cramps, nocturnal, mechanism & atropine ther.)

BRUCKNER, I.; FOTINO, Serban; PURICE, Simion

Clinical studies of the pathogenesis of the syndrome of idiopathic hypoproteinemia. Med. int., Bucur. 9 no.7:1010-1020 July 57.

(BLOOD PROTEINS, deficiency

idiopathic, pathogen., relation to achlorhydria)

(GASTRIC JUICE

achlorhydria in pathogen. of hypoproteinemia)

BRUCKNER, I.; RAICIULESCU, N.

Acute febrile hemolytic anemia as a complication of epidemic hepatitis.
Med. int. Bucur. 10 no.1:133-136 Jan 58.

(HEPATITIS, INFECTIOUS, complications
anemia, hemolytic acute febrile)

(ANEMIA, HEMOLYTIC, case reports
acute febrile, caused by infect. hepatitis)

BRUCKNER, I.; Prof.; BONDAR, B.

The influence of hyperpyrexia upon leucocytes; the role of the adrenal glands. Rumanian M. Rev. 2 no.1:5-14 Jan-Mar 58.

(FEVER, experimental

eff. of short wave hyperthermia on leukocytes in rabbits & rats, relation to adrenal gland funct., review)

(LEUKOCYTES

eff. of short wave hyperthermia in rabbits & rats, relation to adrenal gland funct., review)

(ADRENAL GLANDS, physiol.

relation to leukocyte response to short wave hyperthermia in rabbits & rats, review)

BRUCKNER, I.; PURICE, S.

Studies of serum complement activity. Med. int., Bucur. 10 no.4:535-540
Apr 58.

(COMPLEMENT

in cancer, infect., liver, kidney & other dis.)

(LIVER DISEASES, blood in
complement activity)

(KIDNEY DISEASES, blood in
same)

(INFECTION, blood in
same)

(NEOPLASMS, blood in
same)

BRUCKNER, I.

The action of phenylbutazone on phagocytosis. Probl. reumat.,
Bucur. no.6:41-47 '59.

(PHAGOCYTOSIS, pharmacology)

(PHENYLBUTAZONE, pharmacology)

BRUCKNER, I., Prof.; FOTINO, S., dr.; BERCEANU, Doralina, dr.

Contributions to the natural history of viral hepatitis. Anatomical study of hepatic sequelae. Med. intern., Bucur. 11 no. 12: 1783-1795 '59.

1. Lucrare efectuata in Clinica a Spitalului "Filantropia".
(HEPATITIS, INFECTIOUS, complications)

BRUCKNER, I., Prof.; PURICE, S.

A new criterion for the diagnosis of Lupus Erythematosus Disseminatus.
Serum complement determination. Romanian M. Rev. 4 no.1:29-31
Ja-Mr '60.

(LUPUS ERYTHEMATOSUS diag.)

BRUCKNER, I., prof.; STANESCU, M., dr.; PURICE, S., dr.; LAZARESCU, R., dr.

Pleuropulmonary manifestations in collagen diseases. Med. intern.,
Bucur 12 no.9:1311-1317 S '60.
(COLLAGEN DISEASES, complications) (LUNG DISEASES)

BRUCKNER, I., prof.; ~~MA~~CIULESCU, N., dr.; CANTACUZINO, D., dr.

Contribution to the problem of the relations between the central nervous system and the liver. Narcolepsy and acrocyanosis associated with chronic hepatitis. Med. intern., Bucur 12 no.12:1785-1793 D '60.

(HEPATITIS complications) (NEUROLOGIC MANIFESTATIONS)

BRUCKNER, I., prof.

The use of cortisone in the therapy of diseases of the hematopoietic system. Med. intern., Mucur 13 no.4:507-512 Ap '61.

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(PURPURA, THROMBOPENIC therapy) (ANEMIA, HEMOLYTIC therapy)
(LEUKEMIA, LYMPHOCTIC therapy)

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Ernestina, dr.; COSTICA, I., dr. FICA, V.

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Bucur 13 no.5:679-682 My '61.

(HEPATITIS, INFECTIOUS complications)
(LIVER CIRRHOSIS diagnosis) (HEPATITIS diagnosis)

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Bucur 13 no.6:879-884 Je '61.
(ANTIBIOTICS toxicology)

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(CYANOSIS etiology)

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(SALICYLATES) (ACETYLSALICYLIC ACID)

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(HYPERTENSION, RENAL) (URINARY TRACT INFECTIONS)
(PYELONEPHRITIS) (GLOMERULONEPHRITIS)

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(URINE) (PYURIA) (KIDNEY FUNCTION TESTS)

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KHES, Liberec.

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Serological research in disseminated lupus erythematosus. Arch.
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maceutique de Bucarest; Hopital "Dr. I. Cantacuzino", Bucarest.

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Film service for miners.

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SOURCE: East European List, (EEAL) Library of Congress Vol. 6, No. 1
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Vol. 5, No. 12, December 1965

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Light source and projector guide; the incandescent light source, Pt. 6,
p. 78, KEP ES HANGTECHNIKA, (Optikai es Kinotechnikai Tudomanyos
Egyesulet Budapest, Vol. 2, No. 3, June 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

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Manufacture of Hungarian television receivers starts; the null series is finished, p. 79, KEP ES HANGTECHNIKA, (Optikai es Kinotechnikai Tudomanyos Egyesulet) Budapest, Vol. 2, No. 3, June 1956

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 11, November 1956

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BRUCKNER, J. - Special sources of light for motion-picture projection. Pt. 1.
p. 110.
Vol. 2, no. 4, Aug. 1956.
Képes Hangtechnika. Budapest, Hungary

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

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BRUCKNER, J. - Special sources of film projector lights. Pt. 2, p. 136,
Vol. 2, no. 5, Oct. 1956. KEP ES HANGTECHNIKA.
Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

K-13

HUNGARY/Optics - Photography

BRUCKNER JANOS

Abs Jour : Rof Zhur - Fizika, No 8, 1958, No 19471

Author : Bruckner Janos

Inst : Not given

Title : A Light Channeling System of Projectors.

Orig Pub : Ker-es ¹⁹⁵⁷Hangtechn., ~~1957~~, 3, No 1, 27-28

Abstract : A calculation is given for the illumination of the film window of motion picture projectors when there is superimposed on it the image of the crater, and with allowance for heating.

Card : 1/1

53

BRUCKER JANOS

HUNGARY/Optics - Optical Technology

K-4

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6892

Author : Bruckner Janos

Inst : Not Given

Title : Source of Light and Condenser for Projector

Orig Pub : Kép-es hangtechn., 1957, 3, No 2, 55

Abstract : No abstract

Card : 1/1

BRUCKNER, J.

Light-control installation of the projector. (To be contd.)

P.81. (Kép es Hangtechnika. Vol. 3, no. 3, Aug. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2,
Februaty 1958

- HUNGARY/Optics - Optical Technology.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14061

Author : Bruckner, Janos

Inst : -

Title : Source of Light for a Projector and the Light-Guiding
Device: A Projection Mirror.

Orig Pub : Kep-es hangtechn., 1957, 3, No 4, 107; No 5-6, 150-151

Abstract : No abstract.

Card 1/1

BRUCKNER, J.

Mosaic of Miskolc. p. 4.
(Ujítok Lapja, Vol. 9, no. 4, Mar. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

CZECHOSLOVAKIA / Chemical Technology, Chemical Prod- H
ucts and Their Application, Part 1. -
Safety and Sanitation Techniques.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61416.

Author : J. Bruckner ~~En.~~ Bohm, Zd. Hora.
Inst : Not given.
Title : Skin Injuries by Ionizing Radiation at Lumin-
escent Paint Application.

Orig Pub: Pracovni lekar., 1957, 9; No 5, 417 - 420.

Abstract: At a sanitation inspection of factory work-
shops, where radioactive luminescent paints
were applied to instruments, it was revealed
that the radiation (R) exceeded the back-
ground 2 to 15 times. The background exceeded
the R: 100 and more times at the distance of
40 cm from the garments of workers, 40 times
on the left hand side of the breast, on which

Card 1/3

CZECHOSLOVAKIA / Chemical Technology, Chemical Prod- H
ucts and Their Application, Part 1. -
Safety and Sanitation Techniques.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61416.

Abstract: workers lean on the table edge, 3 to 7 times from the skin of hands after they had been washed with warm water and soap, 40 times from working garments after usual washing. Considerable contamination was revealed in hair of workers. The R doses in the duration of an 8-hour shift were as follows (in roentgens): 0.73 from the workshop floor, 0.32 under the hood, 1.36 on the skin of right hand fingers. Dermatitis, erosions on the 3rd member of the 2nd and the 4th fingers and transformation of nails were found at three workers (working period from 3 months to 3 years). Leucocytosis

Card 2/3

11

CZECHOSLOVAKIA / Chemical Technology, Chemical Prod- H
ucts and Their Application, Part 1. -
Safety and Sanitation Techniques.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 61416.

Abstract: (10 to 12,000 in 1 cub. mm) was established in
one case. Radioactivity (5% more than that of
the background) of urea was found in one case
at intraveinuous introduction of Na_2Ca salt of
ethylenediamineacetic acid.

Card 3/3

HUNGARY/Optics - Optical Technology

K

Abs Jour : Ref Zhur Fizika, No 9, 1959, 21239

Author : Bruckner, Janos

Inst :

Title : Projection Objectives

Orig Pub : Kep-es hang-tech., 1958, 4, No 3, 88

Abstract : Popular article on motion-picture projection objectives.

Card 1/1

BRUCKNER, J.

TECHNOLOGY

KEP ES HANGTECHNIKA.

BRUCKNER, J.: Question of automation in motion-picture theaters and its significance. p. 180.

Vol. 4, no. 6, Dec. 1958.

Monthly List of East European Acq^ession (IEAI) LC Vol. 8, No. 3
March 1959, Unclass.

BRUCKNER, J.

TECHNOLOGY

KEP ES HANGTECHNIKA.

BRUCKNER, J.: The objective of the projector. p. 186. (Dr. Gyulai).
Indicating the din sensitivity and the key number of the flash
lamp of the new Steinheil objectives. p. 188.

Vol. 4, no. 6, Dec. 1958.

Monthly List of East European Accession (EEAI) LC Vol. 8, No. 3
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